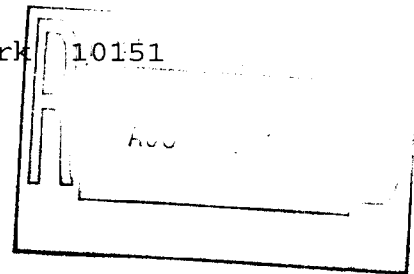


10-01-1999



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FROMMER LAWRENCE & HAUG LLP
745 Fifth Avenue
New York, New York 10151
(212) 588-0800
514426-3739



Applicant : Schmidt et al.

For : **FLUORINATED PHENANTHRENE DERIVATIVES AND
THEIR USE IN LIQUID-CRYSTALLINE MIXTURES**

Filed : June 17, 1999

mo
8-19-99

Assistant Commissioner for Patents

1. Name of Conveying Party(ies): 1) Wolfgang Schmidt, and 2) Javier Manero.
2. Name and address of receiving party(ies): Aventis Research & Technologies GmbH & Co. KG, 65926 Frankfurt am Main, Germany.
3. Nature of Conveyance: Assignment (1)
4. ☒ Application No. or Patent No.: 09/331,268
☒ ~~This document is being filed together with a new application.~~ The execution date of this Assignment for inventor 1) is July 15, 1999, and inventor 2) is July 16, 1999.
5. Name and address of party to whom the recorded assignment and any correspondence concerning document should be mailed:
William F. Lawrence, Registration No. 28,029
Frommer Lawrence & Haug LLP
745 Fifth Avenue
New York, New York 10151
6. Total number of applications and patents involved: 1
7. Total Fee (37 CFR 3.41): \$ 40.00
☒ Fee enclosed, Check No. 06581
8. ☐ Charge Fee Deposit Account No.: 50-0320 (Attach duplicate copy of this page if paying by deposit account).
☒ If any additional fee is required, authorization is hereby given to charge Deposit Account No. 50-0320.
9. Statement and Signature.
The assignment documents were reviewed and to the best of the assignee's knowledge and belief, title is in the assignee seeking this action.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Name of Person Signing: _____

William F. Lawrence, Reg. No. 28,029

Date: _____

August 19, 1999

10/01/1999 NTHA11 00000065 09331268

01 FC:581

40.00 DP

NM1664

PATENT
REEL: 010273 FRAME: 0248

INVENTION/PATENT APPLICATION ASSIGNMENT
FROM INVENTOR(S) TO COMPANY

WHEREAS I/WE, Wolfgang Schmidt of Leimkaul 14, D-51143 Köln, Germany, and Javier Manero of Platanenweg 26, D-65835 Liederbach, Germany, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled: ***FLUORINATED PHENANTHRENE DERIVATIVES AND THEIR USE IN LIQUID-CRYSTALLINE MIXTURES***, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on June 17, 1999, and identified by United States Serial No. 09/ 331 , 268

AND WHEREAS, Aventis Research & Technologies Deutschland GmbH & Co. KG, a corporation organized under the laws of Germany, and having an address of D-65926 Frankfurt am Main, Germany, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries that may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto said assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries that may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States that may be issued for said invention to said assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

July 15, 1999 15.07.99

 Date
 July 16, 1999 16.7.99

 Date

 Date

Wolfgang Schmidt

 Signature: Wolfgang Schmidt

 Signature: Javier Manero

 Signature